



Form PTO 1449		
ATTY DOCKET NO. 70-01	SERIAL NO. 09/974,729	FILING DATE October 9, 2001
APPLICANT Goodman and Martarello		GROUP 1625/666

## U.S. PATENT DOCUMENTS

Exmr Initial	Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
U	5,413,779	5/9/95	Kuhar et al.	424	1.85	
A	5,310,912	5/10/94	Neumeyer et al.	424	1.1	

## FOREIGN PATENT DOCUMENTS

Document Number	Date	Country	Class	Subclass	Translation Yes/No
97/43285	20/11/97	WO	C07D	451/02	Yes

## OTHER PRIOR ART (including Author, Title, Date, Pertinent Pages, etc.)






1	Blough et al. "Synthesis and Transporter Binding Properties of 3β-(4'-Alkyl-, 4'-alkenyl-, and 4'-alkynylphenyl)nortropane-2β-carboxylic Acid Methyl Esters: Serotonin Transporter Selective Analogs" (1996) <i>J. Med. Chem.</i> 39(20):4027-4035.
2	Blough, B.E. et al. "3β-(4-Ethyl-3-iodophenyl)nortropane-2β-carboxylic Acid Methyl Ester as a High-Affinity Selective Ligand for the Serotonin Transporter" (1997) <i>J. Med. Chem.</i> 40(24):3861-3864.
3	Goodman, M.M. <u>Clinical Positron Emission Tomography</u> Mosby Yearbook, 1992, K.F. Hubner et al., Chapter 14 "Automated Synthesis of Radiotracers for PET Applications".
4	Hubner, K.F. <u>Clinical Positron Emission Tomography</u> Mosby Year Book, 1992, K.F. Hubner, et al., Chapter 2 "University of Tennessee Biomedical Imaging Center and Transfer of Technology to the Clinical Floor".
5	Hume, et al. "Citalopram: Labelling with Carbon-11 and Evaluation in Rat as a Potential Radioligand for <i>In Vivo</i> PET Studies of 5-HT Re-uptake Sites" (1991) <i>Nucl. Med. Biol.</i> 18:339-351.
6	Kilbourn et al. "Synthesis of Radiolabeled Inhibitors of Presynaptic Monoamine Uptake Systems: [ <sup>18</sup> F]GBR 13119(DA), [ <sup>11</sup> C]Nisoxetine (NE), and [ <sup>11</sup> C]Fluoxetine (5-HT)" (1989) <i>J. Label. Compd. Radiopharm.</i> 26:412-414. (Symposium Abstract)
7	Maryanoff et al. "Pyrroloisoquinoline Antidepressants. In-Depth Exploration of Structure-Activity Relationships" (1987) <i>J. Med. Chem.</i> 30:1433-1454.


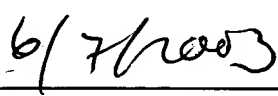
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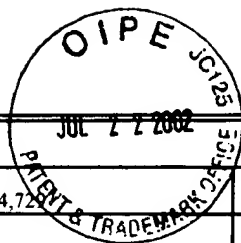
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	8	Mathis et al. "Synthesis and Biological Evaluation of a PET Radioligand for Serotonin Uptake Sites: [F-18]5-Fluoro-6-Nitroquipazine" (1993) <i>J. Nucl. Med.</i> 34:7P-8P.
	9	Murphy, D.L. et al. "Use of Serotonergic Agents in the Clinical Assessment of Central Serotonin Function" (1986) <i>J. Clin. Psychiatr.</i> 47(supp)9-15.
	10	Suehiro et al. "Radiosynthesis and Evaluation of N-(3-[ <sup>18</sup> F]Fluoropropyl) paroxetine as a Radiotracer for <i>In Vivo</i> Labeling of Serotonin Uptake Sites by PET" (1991) <i>Nucl. Med. Biol.</i> 18:791-796.
	11	Suehiro et al. "Synthesis of a Radiotracer for Studying Serotonin Uptake Sites with Positron Emission Tomography: [ <sup>11</sup> C]McN-5652-Z" (1992) <i>J. Label Compd. Radiopharm.</i> 31:841-848.
	12	Suehiro et al. "A PET Radiotracer for Studying Serotonin Uptake Sites: Carbon-11-McN-5652Z" (1993) <i>J. Nucl. Med.</i> 34:120-127.

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## U.S. PATENT DOCUMENTS

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## FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Subclass	Translation Yes/No

## OTHER PRIOR ART (including Author, Title, Date, Pertinent Pages, etc.)

	Gu, X-H et al., "Synthesis and biological evaluation of a series of novel - or O-fluoroalkyl derivatives of tropane; potential positron emission tomography (PET) imaging agents for the dopamine transporter," (2001) <i>Bioorganic &amp; Medicinal Chem. Lett.</i> 11:3049-3053

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Hartley

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